



***Maharashtra State Electricity Transmission
Company Ltd.***

State Load Dispatch Center, Airoli

Daily system Report

for

02/Jun/2012

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 02/Jun/2012 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	120.518	240.938	1) Gujrat	10.847	24.728
2) Hydro	7.277	12.949	2) Madhya Pradesh	18.157	34.316
3) Gas	13.675	26.094	3) Chattisgarh	10.060	20.160
Total MSGENCO	141.470	279.981	4) Maharashtra	55.024	105.919
B) OTHERS			5) Goa	-8.215	-14.818
1) JSW JAIGAD	29.022	54.585	6) TAPS 1&2 Injection	7.672	15.344
2) WPCL	9.879	19.387	7) RGPPL Injection	19.313	38.939
3) Other CPP / IPP	6.245	12.418	8) Pench (Excess)	-0.147	-0.293
4) Wind Generation	27.230	55.877	# Total Cent. Sector	112.711	224.295
5) PENCH (MS)	0.147	0.293	F) Other Exchanges		
C) TPCL & REL			1) With TPCL (Excess)	-15.323	-30.233
1) TPCL Thermal	26.440	55.240	G) Bilateral Power *		
2) TPCL Hydro	5.713	10.942	1) MSEDCL Bilateral	32.376	62.489
TOTAL TPCL	32.153	66.182	Include PX	0.000	0.000
3) REL Thermal	12.562	25.120	2) MUMBAI Bilateral	17.815	33.449
D) STATE			Include PX	1.803	3.808
1) Thermal (A1+C1+C3)	159.520	321.298	3) MUMBAI Schedule	17.815	33.449
2) Hydro (A2+B5+C2)	13.137	24.184	H) ENERGY CATERED (MUs)		
3) Gas (A3)	13.675	26.094	1) MSEDCL	311.381	616.603
4) Wind (B4)	27.230	55.877	2) TPCL	39.356	80.559
5) CPP (B1+B2+B3)	45.146	86.390	3) REL	20.678	40.971
TOTAL STATE	258.708	513.843	TOTAL STATE	371.415	738.133

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 12 Hrs	B. Evening Peak at 17 Hrs	C. Night Minimum at 5 Hrs
MSGENCO Thermal	5046	5070	5073
MSGENCO Hydro	497	585	67
MSGENCO Gas	595	596	611
MSGENCO Total Generation	6138	6251	5751
Central Sector Receipt	4863	5096	4077
WIND	1127	1114	1352
CPP / IPP	1886	1895	1871
Exchange with Mumbai	-726	-743	-374
MSEDCL DEMAND MET	13288	13613	12677
Load Shedding	835	543	330
MSEDCL DEMAND	14123	14156	13007
TPCL GENERATION	1662	1593	1056
R-INFRA GENERATION	525	521	523
TPCL+R-INFRA DEMAND	2913	2857	1953
STATE DEMAND MET	16201	16470	14630
STATE DEMAND	17036	17013	14960
Frequency (Hz)	49.59	49.82	49.71

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.35 Hz at 18.02 Hrs	49.13 Hz at 15.20 Hrs	49.76	.53 % of Time(min)

* Displayed for information, not added in total. # Total Cent. Sector includes MSEDCL and TPCL bilateral power.

State Load Dispatch Center,Airoli (MSETCL)

Daily and Progressive Generation,Maximum,Minimum,OLC Details for 02/Jun/2012

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 5	2.37	5.08	124	77	115
Unit 6	2.59	5.35	132	50	130
Unit 7	2.53	5.62	150	55	85
Total	7.48	16.05			330
Bhusawal					
Unit 2	3.32	6.63	150	130	140
Unit 3	3.96	7.99	170	155	170
Unit 4	2.45	5.14	186	0	0
Unit 5	0.00	0.00	0	0	0
Total	9.72	19.76			310
Parli					
Unit 3	4.45	6.10	200	158	185
Unit 4	0.02	2.58	17	0	0
Unit 5	3.75	7.78	172	140	154
Unit 6	4.72	9.58	236	138	200
Unit 7	3.83	8.57	207	100	170
Total	16.76	34.62			709
Chandrapur					
Unit 1	3.90	7.75	167	156	165
Unit 2	3.65	7.56	169	0	160
Unit 3	3.79	8.01	185	128	160
Unit 4	3.91	8.38	197	127	190
Unit 5	10.80	21.60	475	435	470
Unit 6	10.11	20.59	475	285	450
Unit 7	9.42	18.72	427	372	385
Total	45.58	92.60			1980
Paras					
Unit 3	6.10	12.17	260	235	250
Unit 4	0.00	0.00	0	0	0
Total	6.10	12.17			250
Khaparkheda					
Unit 1	4.82	9.68	210	180	210
Unit 2	0.00	0.72	0	0	0
Unit 3	5.00	9.83	217	197	210
Unit 4	4.84	9.54	220	163	210
Unit 5	5.95	6.79	274	185	300
Total	20.61	36.56			930
Nasik					
Unit 3	5.00	10.24	225	190	192
Unit 4	4.71	9.70	210	172	192
Unit 5	4.54	9.22	203	180	182
Total	14.26	29.17			566
Uran					
All Units	13.68	26.09	618	427	620
Total	13.68	26.09			620
PENCH (MS)					
Pench (MS)	0.15	0.29	25	0	
Total	0.15	0.29			
Koyna					
Stage 1-2	3.49	6.50	550	40	600
Stage 4	0.69	1.69	223	0	250
Stage 3	1.12	1.86	238	0	320
Kovna 12&4 Total	4.18	8.19			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Total	5.30	10.05			1170
Hydro					
KDPH	0.38	0.75	16	15	16
VTRNA	0.00	0.00	0	0	0
TILLARI	0.00	0.00	0	0	0
BHTGR/VEER	0.00	0.00	0	0	0
BHIRA T.R.	0.25	0.45	77	0	80
RNGR+BHTSA	0.05	0.07	2	2	0
BHANDARDRA	0.00	0.00	0	0	0
ELDARY	0.00	0.00	0	0	0
SMLHY PTN	0.30	0.63	18	10	9
GHATGHAR	1.00	1.00	250	0	0
Total	1.97	2.90			105
Wind					
MalharPeth	0.86	1.78			
Vankuswadi	1.65	3.39			
ATIT	0.22	0.44			
Kale	0.56	1.21			
Satara	3.77	4.43			
Shirala	0.93	1.38			
K Mahankal	0.12	4.77			
Supa	0.45	0.84			
Vita	3.14	6.70			
Dondaicha	10.50	21.01			
Sakri	1.41	2.85			
Nandurbar	1.05	2.13			
Khandke	1.32	2.52			
Khaparale	1.23	2.42			
Total	27.23	55.88			
CPP					
JSW JAIGAD	29.02	54.58	1221	1157	1100
WARDHA	9.88	19.39	424	402	390
Other CPPs	6.24	12.42			
Total	45.15	86.39			1490
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	11.04	22.15	507	239	500
Trombay 6	4.88	12.07	411	157	500
Trombay 7A	2.86	5.73	123	114	120
Trombay 7B	1.59	3.19	68	65	60
Trombay 8	6.06	12.09	255	249	250
TATA Hydro	5.71	10.94	471	0	447
Total	32.15	66.18			1877
REL					
1&2	12.56	25.12	526	520	500
Total	12.56	25.12			500
Cent Sect					
Share					4981
Total					4981

MS PG CL	Thermal	120.52	240.94			5075
	Thml+Gas	134.19	267.03			5695
	Hydro	7.28	12.95			1275
	Total	141.47	279.98			6970
State Total		258.71	513.84			15818

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 02/Jun/2012

TIME SR. NO.	MSPGCL GEN.			TOTAL	WIND	CPP / IPP	CS SHARE	CS RECPT	Mum.S CH.	Mum. NET EXCH.	MSEDCL DEMAND MET	LOAD SHEDDI NG	MSEDCL DEMAND WITH LS	TPCL + R -INFRA DEMAND	STATE DEMAND	FREQ. (Hz)
	THM	HY	GAS													
1	5018	575	607	6200	1065	1878	4997	4993	-566	-778	13358	232	13590	2458	16048	49.65
2	4979	497	607	6083	1127	1876	4889	4765	-449	-787	13064	292	13356	2260	15616	49.65
3	5007	217	605	5829	1196	1883	4804	4539	-359	-723	12724	314	13038	2100	15138	49.68
4	5032	108	605	5745	1287	1880	4741	4299	-355	-576	12635	321	12956	2016	14972	49.76
5	5073	67	611	5751	1352	1871	4726	4077	-340	-374	12677	330	13007	1953	14960	49.71
6	5109	67	618	5794	1321	1864	4675	4472	-289	-320	13131	467	13598	1966	15564	49.83
7	5027	77	617	5721	1196	1886	4770	4356	-353	-280	12879	893	13772	1931	15703	49.97
8	4929	72	617	5618	1302	1883	4774	4219	-392	-339	12683	920	13603	1990	15593	50.07
9	4991	71	615	5677	1554	1879	4771	4115	-402	-431	12794	884	13678	2201	15879	50.01
10	5038	96	601	5735	1106	1878	4979	4745	-541	-641	12823	723	13546	2544	16090	49.86
11	4998	390	594	5982	1211	1878	5175	5111	-627	-743	13439	704	14143	2835	16978	49.72
12	5046	497	595	6138	1127	1886	5109	4863	-674	-726	13288	835	14123	2913	17036	49.59
13	5049	288	588	5925	1149	1889	5081	4940	-836	-710	13193	928	14121	2906	17027	49.65
14	5047	284	595	5926	1069	1905	5048	4804	-1080	-769	12935	783	13718	2885	16603	49.58
15	5041	580	582	6203	1149	1910	5023	4990	-1084	-758	13494	625	14119	2899	17018	49.61
16	5124	908	590	6622	986	1894	4956	4750	-1109	-753	13499	524	14023	2892	16915	49.47
17	5070	585	596	6251	1114	1895	4961	5096	-1094	-743	13613	543	14156	2857	17013	49.82
18	5053	98	606	5757	1167	1884	4884	4465	-997	-764	12512	460	12972	2754	15726	50.01
19	4963	76	596	5635	1049	1835	4951	4372	-981	-870	12046	456	12502	2619	15121	50.11
20	5037	133	431	5601	989	1835	5123	4865	-1038	-703	12612	640	13252	2712	15964	49.69
21	5086	149	427	5662	869	1882	5051	4835	-978	-632	12640	687	13327	2714	16041	49.68
22	4986	80	430	5496	896	1884	5106	4761	-1035	-605	12457	668	13125	2613	15738	49.81
23	4989	406	436	5831	880	1892	5088	5237	-1088	-642	13223	291	13514	2529	16043	49.64
24	4826	956	506	6288	1069	1899	5048	5042	-1147	-656	13662	232	13894	2491	16385	49.62
MUs	120.52	7.28	13.67	141.47	27.23	45.15	118.73	112.71	-17.82	-15.32	311.38	13.75	325.13	60.04	385.17	49.76

NOTE : ALL VALUES IN MW

Mumbai Sch./Net Exch is shown with reference to MSETCL System. (+) indicates Mum. to MSETCL and (-) indicates MSETCL to Mum. Mumbai Schedule is calculated for MSETCL periphery (taking 4% loss for import & 4.85% MSETCL loss # Without Applying Load Diversity Factor

State Load Dispatch Center,Airoli (MSETCL)
Details of Generating Unit Outages/Trippings for 02/Jun/2012

Position as on 6.30 Hrs of 03/Jun/2012

Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE							
Paras Unit 4	250	01/05/2012	03.25		Continued.	Annual Overhaul.	10/06/2012
Cent_Sect NTPC(V-3)	210	20/05/2012	00:25		Continued.	AOH.	
Khaparkheda Unit 2	210	01/06/2012	05.45		Continued.	Annual overhaul.	05/07/2012
Cent_Sect NTPC(K-5)	500	01/06/2012	23.50		Continued.	A/OH.	30/06/2012
FORCED OUTAGE							
Bhusawal Unit 5	500	30/03/2012	04.34		Continued.	Hand Tripped	
Dabhol 1A	230	30/03/2012	23.29		Continued.	Gas Shortage	
Dabhol 1X	290	31/03/2012	19:43		Continued.	Maintenance work.	
Dabhol 1B	230	31/03/2012	19:45		Continued.	Maintenance work.	
Koyna ST - IV 4	250	24/05/2012	16.00	03/06/2012	19.06	Replacement of spherical valve servomotor seal.	
CPP WPCL U-2	135	01/06/2012	02.57	02/06/2012	08.08	Excitation problem.	
Parli Unit 4	210	02/06/2012	00.30		Continued.	ID Fan problem.	
Bhusawal Unit 4	500	02/06/2012	06.15	02/06/2012	10.21	Class A prot.operated.	
Uran Unit 6	108	02/06/2012	19.13	02/06/2012	23.44	Tripped on CTO high.	
Chandrapur Unit 2	210	02/06/2012	22.48		Continued.	Economiser T/L.	
Khaparkheda Unit 1	210	03/06/2012	21.05		Continued.	Flame failure.	

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 02/Jun/2012

Position as on 6.30 Hrs of 03/Jun/2012

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
InterState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
Dabhol - NewKoyna - II	02/06/2012	08.13	02/06/2012	18.15	Cold line insulator washing.
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
Boiser-Boiser(PGCIL)-I	03/06/2012	07.58	03/06/2012	10.53	Pre mansoon maint.work.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
765 KV Wardha - Seoni - I	30/05/2012	17.48		Continued.	Over Voltage.
Dhule-Sar'Sarovar - II	02/06/2012	17.01	02/06/2012	20.14	H/T
Dhule-Sar'Sarovar - I	03/06/2012	18.06	03/06/2012	21.10	Over Voltage.
IntraState					
Voltage Level : 500KV			Outage Type PLANNED OUTAGE		
HVDC Pole I Padgha	02/06/2012	21.49	03/06/2012	04.27	Pre mansoon maintenance work.
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
50MVAR Reactor C'Pur - Parli -I at Parli end	16/04/2012	16.50		Continued.	Filtration work
Karad-Jaigad II	02/06/2012	08.00	02/06/2012	19.27	Old insulator replacement work.
Lonikand- Koyna Stage IV	02/06/2012	08.08	02/06/2012	19.20	Old insulator replacement work.
400/220 KV 315 MVA ICT-II @ Dhule	02/06/2012	09.01		Continued.	Cable termination work.
Tie Breaker at Akola	02/06/2012	14.28	02/06/2012	15.04	To check Bkr unhealthy indication.
Dabhol - Nagothane - I	03/06/2012	08.50	03/06/2012	18.22	Cold line insulator washing.
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
220/132 KV 150 MVA ICT @ Bhandara	28/12/2011	13.57	02/06/2012	15.25	Replacement of ICT by 200MVA New ICT Commissioning.
Uran-Kharghar-II	15/02/2012	07.42		Continued.	Mumbai system strengthening work
Khargar-Topworth	15/02/2012	07.47		Continued.	Mumbai system strengthening work
Kharghar-TSS	18/02/2012	08.52		Continued.	Temporary Reconfigured as Uran-TSS at 20.30Hrs Dt.18/2/12
220/132 KV 100 MVA ICT II at Girvali	14/04/2012	12:05		Continued.	Augumentation by 200 MVA ICT.
Bale-Usmanabad	30/05/2012	05.27	02/06/2012	15.51	Erection of Towers.
220 KV Bus-I @ Trombay	01/06/2012	23.18	02/06/2012	01.49	Charging 220 KV Chembur I&II cables for soak test.
BBLSR-A"Nagar II	02/06/2012	07.03	02/06/2012	10.36	Q.M.Work
Talangade-Mudshingi	02/06/2012	08.17	02/06/2012	20.27	Replacement of old insulator string.
Vankuswade-Malharpeth	02/06/2012	09.07	03/06/2012	03.00	Maint.work.
220/132KV 100 MVA ICT @ Bhenda	02/06/2012	09.10	02/06/2012	17.00	Q.M.Work
Hinjawadi-I - Hinjawadi-II	02/06/2012	10.03	02/06/2012	17.45	R.M.Work
Loniland-Kathapur	02/06/2012	10.03	02/06/2012	13.33	Hot spot attending work.
Lonand - Jejuri	02/06/2012	10.32	02/06/2012	13.55	Replacement of 220 KV LA.
220/132,200MVA Tr.-2 @ A' Nager	02/06/2012	11.12	02/06/2012	13.23	Q.M.Work
Tuljapur - Murud	02/06/2012	12.31	02/06/2012	15.51	Maint & testing work.(Ckt.on TBC)
Alephata-Kathapur	02/06/2012	13.50	02/06/2012	17.02	Attending hot spot on CT clamp.
Bale - Lamboti I	02/06/2012	16.23	02/06/2012	20.20	Atetending hot spot on CT.
Bus Section - I @ Pophali	03/06/2012	06.15	03/06/2012	17.20	Q.M.Work
220/33 KV 100 MVA T/F -	03/06/2012	07.18	03/06/2012	17.55	Replacement of NGT.

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 02/Jun/2012

Position as on 6.30 Hrs of 03/Jun/2012

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
I at Aarey					
Kharghar-Nerul	03/06/2012	09.09	03/06/2012	19.13	Attending hot spot.
Parly - Harangool - I	03/06/2012	09.24	03/06/2012	15.06	To attend hot spot.
220/16.5 KV,315 MVA ,GT -I Bay at Paras U-3	03/06/2012	09.30	03/06/2012	23.10	For replacement of 29 D isolator.
Ghodbandar - Bhoisor (MSETCL)	03/06/2012	11.10	03/06/2012	13.47	Pre mansoon maint.work.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Aurangabad-Deepnagar-II	31/05/2012	18.41		Continued.	Over Voltage.
Bhusawal- Aurangabad	01/06/2012	17.49	02/06/2012	06.38	Over Voltage.
Bhusawal- Aurangabad	02/06/2012	17.49	03/06/2012	09.57	Over Voltage.
Voltage Level : 400KV			Outage Type TRIPPED		
New Koyna-Jaigad II	02/06/2012	04.12	02/06/2012	06.52	Dist.Prot,declared faulty.
New Koyna-Jaigad II	03/06/2012	03.44	03/06/2012	19.22	Distance Protection.
Newkoyna - Jaigad - I	03/06/2012	04.30	03/06/2012	16.47	Distance Protection.
Voltage Level : 220KV			Outage Type TRIPPED		
Karad-Pophali	02/06/2012	00.40	02/06/2012	07.36	Dist.protection.
P'pur-Malinagar	02/06/2012	12.24	02/06/2012	12.34	Distance protection.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 03/Jun/2012

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 5	200	120
Unit 6	210	135
Unit 7	210	145
	620	400
Bhusawal		
Unit 2	210	140
Unit 3	210	170
Unit 4	500	0
Unit 5	500	0
	1420	310
Parli		
Unit 3	210	170
Unit 4	210	0
Unit 5	210	135
Unit 6	250	200
Unit 7	250	98
	1130	603
Chandrapur		
Unit 1	210	165
Unit 2	210	0
Unit 3	210	180
Unit 4	210	180
Unit 5	500	470
Unit 6	500	470
Unit 7	500	430
	2340	1895
Paras		
Unit 3	250	250
Unit 4	250	0
	500	250
Khaparkheda		
Unit 1	210	210
Unit 2	210	0
Unit 3	210	210
Unit 4	210	210
Unit 5	500	250
	1340	880
Nasik		
Unit 3	210	210
Unit 4	210	200
Unit 5	210	200
	630	610
Uran		
All Units	852	620
	852	620
PENCH (MS)		
Pench (MS)	53	0
	53	0
Koyna		
Stage 1-2	600	600
Stage 4	1000	250
Stage 3	320	320
	1920	1170
Hydro		
KDPH	40	16
VTRNA	60	0

Generating unit	Derated Capacity (MW)	OLC (MW)
TILLARI	60	0
BHTGR/VEER	21	0
BHIRA T.R.	80	80
RNGR+BHTSA	20	0
BHANDARDRA	45	0
ELDARY	23	0
SMLHY PTN	12	10
GHATGHAR	250	0
	611	106
Wind		
MalharPeth	0	
Vankuswadi	0	
ATIT	0	
Kale	0	
Satara	0	
Shirala	0	
K Mahankal	0	
Supa	0	
Vita	0	
Dondaicha	0	
Sakri	0	
Nandurbar	0	
Khandke	0	
Khaparale	0	
	0	
CPP		
JSW JAIGAD	600	1100
WARDHA	405	415
Other CPPs	0	
	1005	1515
Tata		
Trombay 4	150	0
Trombay 5	500	500
Trombay 6	500	500
Trombay 7A	120	120
Trombay 7B	60	60
Trombay 8	250	250
TATA Hydro	444	447
	2024	1877
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3455	5075
	3455	5075